



MAR 18 1993

**EXPRESS**

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52

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SENDER'S CO.

[illegible]

**ENGINEERING REPORT**

**A REQUEST FOR MODIFICATION OF  
THE FM TABLE OF ALLOTMENTS  
TO ASSIGN FM CHANNEL 257C3  
TO RUSHFORD, MINNESOTA**

**WHEELER BROADCASTING OF MINNESOTA, INC.**

**MARCH 1993**

**ORIGINAL**

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## ENGINEERING STATEMENT

This engineering statement and attached figure have been prepared by B. Benjamin Evans of Evans Associates, Consulting Communications Engineers in Thiensville, Wisconsin, on behalf of Wheeler Broadcasting of Minnesota, Inc., licensee of Radio Station KWNO-FM in Rushford, Minnesota. This engineering exhibit supports a Petition for Rule Making by

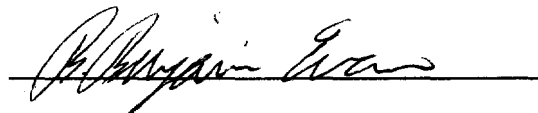
Engineering Statement - Page 2  
KWNO-FM, Rushford, Minnesota

Attached as Figure 1 is a spacing study centered at the above coordinates, showing all of the FM assignments pertinent to Channel 257C3 at Rushford. The minimum spacings to all existing, authorized and proposed facilities are observed. Therefore, the instant proposal is in compliance with Section 73.207 of the FCC Rules.

From this location, it is 6.0 kilometers to Rushford on a bearing of 228° True. Since the predicted 3.16 mv/m contour of a full Class C3 facility extends a nominal 23.2 kilometers, and Rushford is less than two square miles in area, the required city of license coverage is assured.

The public interest would be served by the herein proposed modification in that significant increases would be achieved in area and population to be served by KWNO-FM.

The foregoing statement and the attached figure are true and accurate to the best of my knowledge and belief.



B. Benjamin Evans

March 16, 1993

ATTACHED FIGURE:

Figure 1.....Allocation Study - KWNO-FM, Channel 257C3, Rushford, MN

Evans Associates  
216 N. Green Bay Road  
Thiensville, WI 53092  
FM FREQUENCY ALLOCATION STUDY

Channel: 257C3 ( 99.3 MHz) 25 KW ERP  
 Coordinates: 43 - 50 - 51 91 - 42 - 11 100 M HAAT  
 Job Title: KWNO-FM - RUSHFORD MN ± indicates 73.215 Facility  
Cl.A Spacing: 73.207

CALL STATUS	± CITY STATE	FCC#	CH/CL-ZN ERP-kw APPLICANT/LICENSEE	HAAT-m DA	LATITUDE LONGITUDE	BEAR-to -from-°T	DIST-km CLEAR-km	REQ -km
WVCX LIC	Tomah WI	255C BLH880129KE	100. >Wi. Voice of Christi	302	43 51 13 90 27 28	89.2° 270.0°	100.2 +4.7	95.5
KDST LIC	Dyersville IA	257A BLH840919DR	3.00 >Diversified Media Co	91	42 25 43 91 12 50	165.7° 346.0°	162.6 +21.1	141.5
KWAYFM LIC	Waverly IA	257A BLH5006	3.00 >Aelvin Edwin Suhr	55	42 42 13 92 28 21	206.4° 25.8°	141.6 +0.1	141.5
WDMPFM LIC	Dodgeville WI	257A BLH4221	1.10 >Dodge Point Broadcas	140	42 55 10 90 8 6	128.6° 309.7°	163.7 +22.2	141.5
WIGMFM LIC	Medford WI	257C3 BLH911011KC	23.0 >WIGM, Inc.	104	45 9 51 90 20 28	35.9° 216.9°	182.1 +29.5	152.5
KSJN LIC	Minneapolis MN	258C BLH910814KH	100. >Minnesota Public Rad	315	45 3 30 93 7 27	320.5° 139.5°	175.8 +0.3	175.5

>> \*\*\* CHANNEL SUITABLE FOR ASSIGNMENT \*\*\* <<